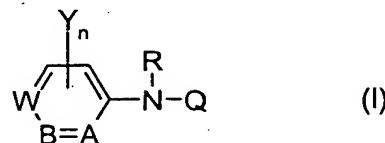


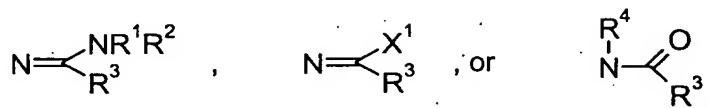
The use of N-arylhydrazine derivatives for combating pests in and on animals

Abstract

5 Use of compounds of formula I

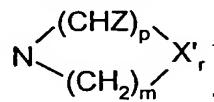


wherein Q is



X¹ is chlorine, bromine, or fluorine;

10 R¹, R² are each independently H, alkyl, alkenyl, alkynyl, or cycloalkyl, alkylamino, dialkylamino, alkylcarbonylamino, alkylsulfonyl, or alkylsulfinyl, wherein the carbon atoms in these groups may be substituted, or
 R¹ and R² may be taken together to form a ring represented by the structure



15 p,m are 1, 2 or 3; X' is oxygen, sulfur, amino, alkylamino, phenylamino, or methylene; Z is alkyl or phenyl;
 R³ is H, alkyl, alkenyl, alkynyl, cycloalkyl, wherein the carbon atoms in these groups may be substituted;
 R, R⁴ are H or alkyl, alkoxy carbonyl, alkylaminocarbonyl, or dialkylaminocarbonyl,
 20 wherein the carbon atoms in the these groups may be substituted;
 A is C-R⁵ or N; B is C-R⁶ or N; W is C-R⁷ or N; with the proviso that one of A, B and W is other than N;
 R⁵, R⁶, R⁷ are H, halogen, nitro, cyano, amino, mercapto, hydroxy, alkyl, alkenyl, alkynyl, cycloalkyl, alkoxy, alkylamino, dialkylamino, alkylthio, alkylsulfonyl, or alkylsulfinyl, wherein the carbon atoms in these groups may be substituted, a 5- to 6-membered aromatic ringsystem which may contain 1 to 4 heteroatoms selected from oxygen, sulfur and nitrogen and which may be substituted;
 25 Y is hydrogen, halogen, cyano, nitro, amino, hydroxy, mercapto, alkyl, alkenyl, alkynyl, cycloalkyl, alkoxy, alkylamino, dialkylamino, alkylthio, alkylsulfonyl, or alkylsulfinyl,
 30 wherein the carbon atoms in these groups may be substituted;
 n is 0, 1, or 2;
 for combating parasites in and on animals.